

**DECLARATION, POWER OF ATTORNEY, AND PETITION**

CASE No. SU-7231

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe that I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS AND SYSTEMS FOR UNIFORM CONTROL OF BROMINE  
CONCENTRATIONS IN WATER**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

| Number | Country | Day/Mo/Yr Filed | Priority Claimed |    |
|--------|---------|-----------------|------------------|----|
|        |         |                 | Yes              | No |
| NONE   | ---     | ---             |                  |    |

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, as far as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**DOMESTIC APPLICATION(S)/PCT APPLICATION(S) - U.S. DESIGNATED**

| Application Serial No. | Filing Date | Status |
|------------------------|-------------|--------|
| NONE                   | ---         | ---    |

And I hereby appoint **Philip M. Pippenger, Reg. No. 25,525** and **Edgar E. Spielman, Jr., Reg. No. 25,929**, of Albemarle Corporation, 451 Florida Street, Baton Rouge, Louisiana 70801-1765; or any one of them my attorneys or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, said **Philip M. Pippenger** and **Edgar E. Spielman, Jr.**, and either one of them to have full power of substitution and revocation, including the power to revoke the appointments of attorneys or agents herein made. *Please make all telephone calls to Edgar E. Spielman, Jr. at (225) 388-7604.*

*Address all correspondence to: Mr. Philip M. Pippenger, Law Department, Albemarle Corporation, 451 Florida Street, Baton Rouge, Louisiana 70801-1765.*

WHEREFORE, I pray that Letters Patent be granted to me or us for the invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification and claims, declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |  |   |
|--|--|---|
| Full Name of Sole or First Joint Inventor<br><b>JONATHAN N. HOWARTH</b>              | Inventor's Signature<br>  | Date<br><b>16 Nov, 2001</b>             |
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| Full Name of Second Joint Inventor<br><b>MICHAEL J. SANDERS</b>                      | Inventor's Signature<br> | Date<br><b>Dec. 4, 2001</b>             |
| Residence Address<br>10462 East Grandeur, Baton Rouge, Louisiana 70815               |  | Citizenship<br>United States of America |
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| Full Name of Third Joint Inventor  | Inventor's Signature   | Date                                    |
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Associate Power Of Attorney Or Agent (37 CFR 1.34)  
(For Representation Related To A Patent Application)

Docket No.  
SU-7231

In Re Application Of: Jonathan N. Howarth and Michael J. Sanders

Serial No.

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Filing Date

HEREWITH

Examiner

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Group Art Unit

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Invention: METHODS AND SYSTEMS FOR UNIFORM CONTROL OF BROMINE CONCENTRATIONS IN

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Please recognize the following as  Associate Attorney  Associate Agent in this application.

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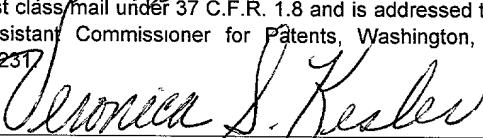
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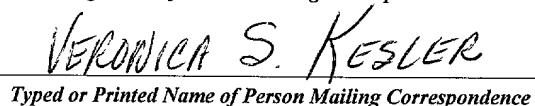


Dated: Dec. 5, 2001

I certify that this document is being deposited on December 5, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231



Signature of Person Mailing Correspondence



Typed or Printed Name of Person Mailing Correspondence

Registration Number & Address of Principal Attorney or Agent of Record